PDNO: 10004024-1

Inventor(s): Jason Richard Wright Title: Method for Managing Manufacturing Data

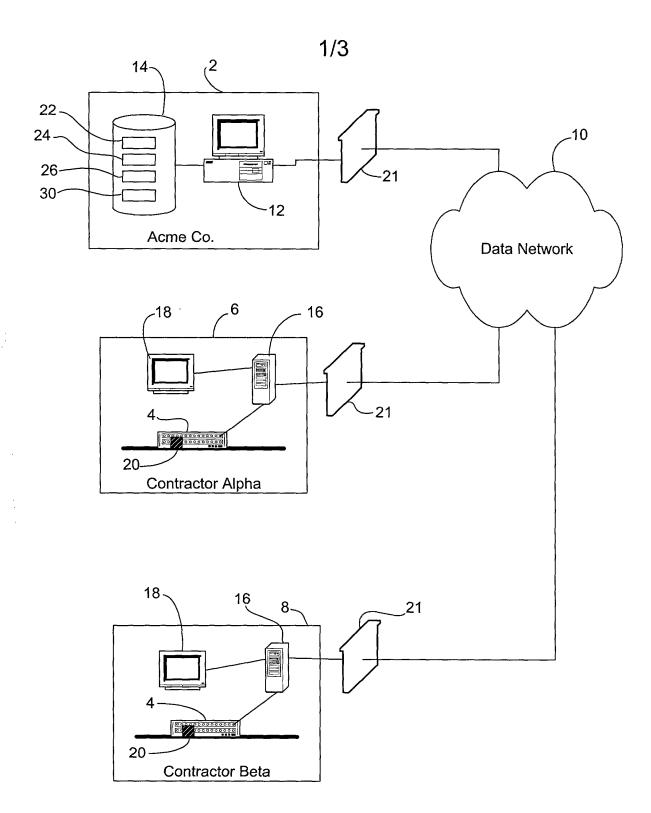


Fig. 1

Title: Method for Managing Manufacturing Data 2/3 TRANSMIT PRODUCT ASSEMBLY SPECIFICATION SET 22 FROM CENTRAL REPOSITORY 14 TO 100 **OPERATOR OUTPUT DEVICE 18** OPERATOR ASSEMBLES PRODUCT FOLLOWING 102 ASSEMBLY SPECIFICATION SET INSTRUCTIONS DISPLAYED ON OPERATOR OUTPUT DEVICE 18 104 OPERATOR INDICATES THAT ASSEMBLY IS COMPLETE BY INTERACTING WITH OUTPUT **DEVICE 18** 106 OPERATOR PROMPTED BY OUTPUT DEVICE 18 TO CONNECT PRODUCT 4 TO OPERATOR COMPUTER **DEVICE 16** Lī CENTRAL COMPUTER DEVICE 12 PROMPTS d DIAGNOSTIC DEVICE 20 TO PROVIDE: 1) 108 INVENTORY OF INSTALLED COMPONENTS; 2) UNIQUE PRODUCT IDENTITY CODE; 3) UNIQUE ASSEMBLY SPECIFICATION SET IDENTITY CODE CENTRAL COMPUTER DEVICE 12 PROMPTS 110 DIAGNOSTIC DEVICE 20 TO PERFORM PRODUCT PERFORMANCE TEST PROTOCOL ON GO TO 118\ COMPONENTS USING CURRENT PROTOCOL SET (FIG. 2B) 24 STORED ON CENTRAL DATA REPOSITORY 14 **CENTRAL COMPUTER DEVICE 12 PROMPTS** DIAGNOSTIC DEVICE 20 TO TRANSMIT PRODUCT 112 PERFORMANCE TEST PASS/FAIL RESULTS IN COMBINATION WITH CORRESPONDING OF UNIQUE GO TO 116 PROTOCOL IDENTITY CODES FOR EACH (FIG. 2B) PERFORMANCE TEST PERFORMED

CENTRAL COMPUTER DEVICE 12 CREATES PRODUCT TRACKING DATA HISTORY FILE FOR

STORING ON CENTRAL REPOSITORY 14

114

Fig. 2A

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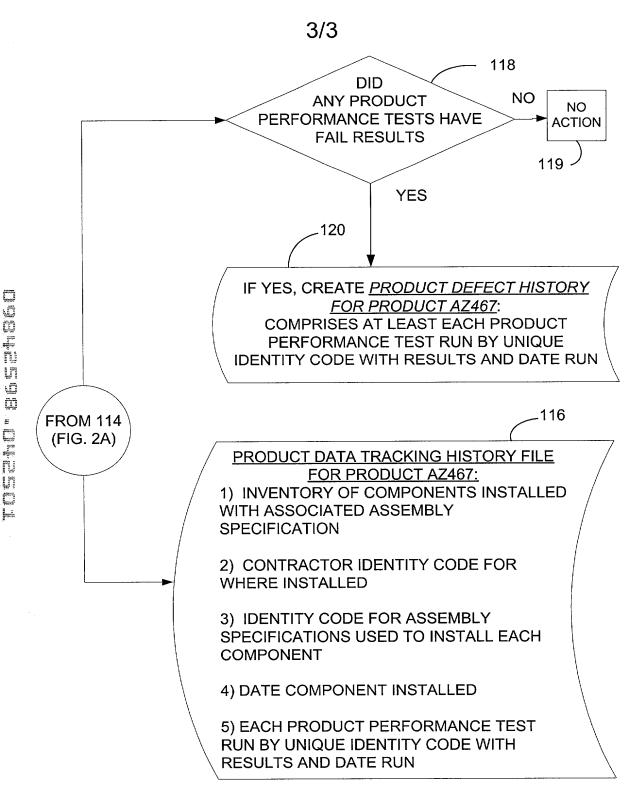


Fig. 2B